



## Southeast N.C. Regional Resilience Workshop

*A workshop for local government elected officials, planners, managers, engineers, & other staff*

**Tuesday, May 14 – 9:30am – 4:00pm**

**Holiday Inn at Market St**

[5032 Market St, Wilmington, NC 28405](https://www.holidayinn.com/hotels/nc-wilmington/holiday-inn-at-market-st)

**9:00 – 9:30 am**

**Registration Check-In & Networking**

**9:30 – 9:40 am**

**Welcome, Introductions, and Overview of Agenda**

- **Glenn Harbeck**, Director of Planning, Development, & Transportation, City of Wilmington
- **Christian Kamrath**, Coastal Resilience Specialist, N.C. Division of Coastal Management

**9:40 – 10:15 am**

**Executive Order 80, Live Polling, & Recipe for Resilience**

This session will provide an overview of efforts to meet Governor Cooper’s Executive Order 80 through development of a State Climate Risk Assessment and Resiliency Plan by March of 2020. A live polling session will help identify the participants’ perspectives and level of experience. Participants will also hear from an expert on the different forms and approaches to adaptation and resilience efforts pursued by communities.

- **Tancred Miller**, Ocean & Coastal Policy Manager, N.C. Division of Coastal Management
- **Christian Kamrath**, Coastal Resilience Specialist, N.C. Division of Coastal Management
- **Dr. Jessica Whitehead**, Coastal Communities Hazards Adaptation Specialist, N.C. Sea Grant

**10:15 – 11:10 am**

**Panel + Discussion: Managing and Measuring Change Part 1**

Communities in coastal N.C are already seeing the effects and managing the impacts of changing environmental, economic and societal conditions. Participants will learn how some of their fellow communities are tackling these issues at the local and regional levels.

- **Andrea Correll**, Planner, Town of Swansboro
- **Gary McSmith**, Assistant Director of Engineering, Cape Fear Public Utility Authority
- **Jeremy Hardison**, Planning & Zoning Director/Floodplain Administrator, Town of Carolina Beach

**11:10 – 11:20 am**

**Break**

**11:30 – 12:00 pm**

**Panel + Discussion: Managing and Measuring Change Part 2**

Making informed management decisions about an uncertain future requires using the best information possible coming out of local research institutions and other groups. Participants will learn about the latest science that helps explain the changes communities are seeing and how conditions are likely to change in the future with the impacts of climate change.

- **Dr. Larry Cahoon**, Professor, University of North Carolina Wilmington
- **Jared Bowden**, Senior Research Scholar, S.E. Climate Adaptation Science Center/N.C. State

**12:00 – 12:40 pm**

**Lunch – Provided**

12:40 – 1:00 pm

### Poster Open House & Discussion Kick-Off

1:00 – 2:35 pm

### Small Group Discussion Questions #1 & #2: Local Climate Hazard Impacts & Potential Solutions

Building resilience requires understanding local conditions, capabilities, and strengths and how that connects to investments at the local, regional, and state levels. Participants will be grouped by general discipline and guided through a discussion about 1) which climate or natural hazard stressors and risks contribute to certain vulnerabilities in their communities and 2) then explore some of the possible strategies or tools for reducing those risks over the short- and long-term.

Questions to consider:

- **(30 min) Small Groups: Question #1:** What does your direct work experience tell you about how natural hazards & long-term stressors affect different sectors of the community?
  - *Natural hazards* = flooding (storm surge, riverine, stormwater/drainage, sunny day/recurrent), heat waves, droughts, severe storms/damaging wind,
  - *Long-term stressors* = rising groundwater levels, increasing salinity, water pollution & decreasing water quality, loss of salt-marsh & other natural habitat, coastal erosion, beach-quality sand availability, degrading water/sewer/transportation/housing infrastructure
- **(15 min) Each group shares highlights from discussion/board**
- **(30 min) Small Group Rotating Stations: Question #2:** Which of these should be explored or used first for addressing climate hazard impacts and long-term stressors? *Consider which strategies involve decisions that may be subject to future conditions 20, 30, 50 years from today?*
- **(20 min) Each group shares highlights from discussion/board**

2:30 – 2:45 pm

### Break + Networking

2:45 – 3:50 pm

### Small Group Facilitated Discussion Question #3: How the State Should Help

Many of the state agency regulations, incentive programs, funding streams aim to support communities in becoming more sustainable, healthy, and resilient. The State Climate Risk Assessment and Resiliency Plan being developed will try to identify how state agencies and programs can adjust their operations to encourage more resilient planning and investments. In a large group, participants will be asked to discuss their ideas on the best way to achieve this goal as it relates to their communities.

Questions to consider:

- **(35 min) Rotating Stations: Question 3:** How should the State better support communities in addressing climate hazard risks and impacts? (e.g. funding, regulation and policy changes; technical assistance; training; other)
- **(30 min) Each group shares highlights from discussion/board**

3:50 – 4:00 pm

### Wrap Up and Next Steps

*Tancred Miller, Coastal and Ocean Policy Manager, N.C. Division of Coastal Management*

The workshop hosts will provide a general overview of major themes discussed throughout the day and describe the next steps for implementing Executive Order 80 and how communities can continue to inform and comment on the State Climate Risk Assessment and Resiliency Plan.

Building resilience is a continuous journey and DCM and its partners hope to continue the conversation of the various challenges and solutions as it relates to climate change impacts in coastal communities of North Carolina.

4:00 pm

### Adjourn

**Note:** The results of this workshop will be highlighted at the upcoming *North Carolina Coastal Resilience Summit* being hosted on **June 11-12<sup>th</sup>, 2019** at the *Havelock Tourist and Information Center* in Havelock, NC. Register at [nccoast.org/resilience](http://nccoast.org/resilience). Open to all.